orm PTO				ATTORNEY DOCKET NO. AUS920040065US1	SERIAL NO. 10/806,866	
<i>,</i> 0	(Use	OF PRIOR ART C BY APPLICANT Several sheets if neces	•			
JUN 2 9	2005	e,		APPLICANT Dimpsey et al.	<u> </u>	
A. C.	.00	Ż		FILING DATE March 22, 2004	GROUP ART UNI	T-2165_ 2 (85
TRACE	11.15		້ ບໍ່	S. PATENT DOCUMENTS		
EXAMINER		DOCUMENT	PUBLICATION	INVENTOR NAME	CLASS/	FILING
INITIAL	AA	NO. 5,103,394	Apr. 7, 1992	Blasciak	395/575	Dec. 21, 1989
11.5.		6,330,662 B1	Dec. 11, 2001	·	712/236	Feb. 23, 1999
		6,480,938 B2	Nov. 12, 2002		711/125	Dec. 15, 2000
<u> </u>	<u> </u>	6,430,741 B1		Mattson, Jr. et al.	717/154	Feb. 26, 1999
			Feb. 13, 2001	l	<u> </u>	
_	<u> </u>	6,189,141 B1	1		717/4	May 4, 1998
		5,930,508	Jul. 27, 1999 Feb. 26, 2002	Faraboschi et al.	395/706	Jun. 9, 1997
		6,351,844 B1			717/4	Nov. 5, 1998
		6,324,689 B1	Nov. 27, 2001	·	717/9	Sep. 30, 199
		6,442,585 B1	Aug. 27, 2002		709/108	Nov. 26, 199
	<u> </u>	5,774,724	Jun. 30, 1998	L	395/704	Nov. 20, 199
		5,987,250		Subrahmanyam	395/704	Aug. 21, 199
	I	6,192,513 B1	<u> </u>	Subrahmanyam	717/5	Nov. 2, 1998
		5,691,920	Nov. 25, 1997		364/551.01	Oct. 2, 1995
	AN	6,223,338 B1	Apr. 24, 2001		717/4	Sep. 30, 199
	AO	6,101,524	Aug. 8, 2000	Choi et al.	709/102	Oct. 23, 1997
	AP	6,256,775 B1	Jul. 3, 2001	Flynn	717/4	Dec. 11, 199
	AQ	6,446,029 B1	Sep. 3, 2002	Davidson et al.	702/186	Jun. 30, 1999
	AR	6,134,676	Oct. 17, 2000	VanHuben et al.	714/39	Apr. 30, 1998
	AS	5,937,437	Aug. 10, 1999	Roth et al.	711/202	Oct. 28, 1996
	AT	6,243,804 B1	Jun. 5, 2001	Cheng	712/228	Jul. 22, 1998
	AU	4,291,371	Sep. 22, 1981	Holtey	364/200	Jan. 2, 1979
1	AV	5,938,778	Aug. 17, 1999	John, Jr. et al.	714/45	Nov. 10, 199
	AW	6,286,132 B1	Sep. 4, 2001	Tanaka et al.	717/4	Jan. 7, 1999
	AX,	6,206,584 B1	Mar. 27, 2001	Hastings	395/183.11	May 31, 1995
`	AY	6,374,364 B1	Apr. 16, 2002	McElroy et al.	714/10	Jan. 19, 1999
$\overline{}$	AZ	6,070,009	May 30, 2000	Dean et al.	395/704	Nov. 26, 199
A15.	ВА	5,966,537	Oct. 12, 1999	Ravichandran	395/709	May 28, 1997
ATE CONS	IDERE	D 9/29/66		EXAMINER Chy And		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP § 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

2125
7125
7×5
2125
2185
LING
ATE
8, 2000
3, 2001
1, 2001
9, 2000
2001
5, 2001
· · · · · · · · · · · · · · · · · · ·
SLATION
NO
X
X
即學者多
)9.
g, Vol. 4,
Super
000, pp.
•
95-2006.
r", IEEE o. 20-22,
LING
ATE
, 1999
1995
-

Form PTO	1449)		ATTORNEY DOCKET NO.	SERIAL NO.	
				AUS920040065US1	10/806,866	
ι	.IST	OF PRIOR ART C	ITED			•
	// /	BY APPLICANT				. •.
	(USB	several sheets if neces	sary)			
	•			APPLICANT Dimpsey et al.		
		•		·		
				FILING DATE March 22, 2004	GROUP ART UNIT	2165 2185
	r jegyv (and Salar and	RELA	TED PATENT APPLICATIONS		海 69 新人
EXAMINER		APPLICATION NO./	APPLICANT	TITLE		FILING
INITIAL		ATTY. DOCKET NO.	1			DATE
A.5	BR	10/675,777 / AUS920030477US1	DeWitt, Jr. et al.	Method and Apparatus for Counting Execution and Data Accesses	Instruction	Sep. 30, 2003
1	BS	10/674,604 / AUS920030478US1	DeWitt, Jr. et al.	Method and Apparatus for Selective Instructions and Data Accesses	ly Counting	Sep. 30, 2003
	ВТ	10/675,831 /	DeWitt, Jr. et al.	Method and Apparatus for Generatin	a Interrupts	Sep. 30, 2003
1	J .	AUS920030479US1		Upon Execution of Marked Instruction		Cop. Co, 2000
				Access to Marked Memory Location		
	BU	10/675,778 /	DeWitt, Jr. et al.	Method and Apparatus for Counting	Data Accesses	Sep. 30, 2003
		AUS920030480US1		and Instruction Executions that Exc		
	BV	10/675,776 /	DeWitt, Jr. et al.	Method and Apparatus for Counting		Sep. 30, 2003
- 1		AUS920030481US1		Specific Instructions and Accesses	to Specific Data	
			D-1486 1-1-4-1	Locations		
	BW	10/675,751 / AUS920030482US1	DeWitt, Jr. et al.	Method and Apparatus for Debug Su		Sep. 30, 2003
	ВХ	10/675,721 /	Levine et al.	Individual Instructions and Memory Method and Apparatus to Autonomic		Sep. 30, 2003
	D^	AUS920030483US1	Leville et al.	Instructions for Selective Counting	cany Select	3ep. 30, 2003
	BY	10/674,642 /	Levine et al.	Method and Apparatus to Autonomic	cally Count	Sep. 30, 2003
1		AUS920030484US1	. "	Instruction Execution for Application		1
	BZ	10/674,606 /	Levine et al.	Method and Apparatus to Autonomic		Sep. 30, 2003
	L	AUS920030485US1		Execution on Specified Instructions		
	CA	10/675,783 /	Levine et al.	Method and Apparatus to Autonomic	cally Profile .	Sep. 30, 2003
		AUS920030486US1	2 14114	Applications		
	СВ	10/675,872 / AUS920030487US1	DeWitt, Jr. et al.	Method and Apparatus for Counting	Instruction and	Sep. 30, 2003
	CC		Louino et el	Memory Location Ranges	na Dorformonco	Jan. 14, 2004
	CC	10/757,250 / AUS920030488US1	Levine et al.	Method and Apparatus for Maintaini Monitoring Structures in a Page Tab		Jan. 14, 2004
1				Monitoring Structures in a Page 1ab		
1/	CD	10/757,192 /	DeWitt, Jr. et al.	Method and Apparatus for Providing		Jan. 14, 2004
\forall		AUS920030543US1		Handlers for Recording Events	,	, , , , , , , , , , , , , , , , , , , ,
. 4	CE	10/757,192 /	DeWitt, Jr. et al.	Method and Apparatus for Determin	ing Computer	March 18, 20
N_{\sim}		AUS920030548US1		Program Flows Autonomically Using		
NS	1			Assisted Thread Stack Tracking and	Cataloged	
, (1),	L		ļ	Symbolic Data		<u> </u>
DATE CONS		$(JZ)^{-1}$		EXAMINER Anna Ha	Yn	
XAMINER:	nitial i	reference considered,	whether or not cita	tion is in conformance with MPEP § 609; traw line	through citation if not i	n conformance and
ot considered	d. Incl	ude copy of this form w	ith next communica	tion to applicant.		·

Form PTO	-1449)	•	ATTORNEY DOCKET NO.	SERIAL NO.	;
				AUS920040065US1	10/806,866	•
	LIST	OF PRIOR ART C BY APPLICANT	ITED			•
	(Use	several sheets if neces	sary)			
				APPLICANT Dimpsey et al.		
		•				
				FILING DATE March 22, 2004	GROUP ART UNIT	2165 2185
			REL	EXORESPICATOR TREASSE		
EXAMINER		APPLICATION NO./	APPLICANT	TITLE	(FILING
INITIAL	ļ	ATTY. DOCKET NO.				DATE
11	CF	10/757,227 /	DeWitt, Jr. et al.	Method and Apparatus for Autonom		Jan. 14, 2004
NS		AUS920030555US1		Cache Entries to Dedicated Storage Cache Line Sharing is Detected	when False	
' 	CG	10/757,197 /	DeWitt, Jr. et al.	Method and Apparatus for Optimizin	g Code	Jan. 14, 2004
		AUS920030556US1		Execution Using Annotated Trace In	formation	
ĺ		\$	i .	having Performance Indicator and C	ounter	
	СН	10/807,094 /	Dimpsey et al.	Information Method and Apparatus for Providing	Hardwara	Mar. 22, 2004
1	СП	AUS920040059US1	Dillipsey et al.	Assistance for Code Coverage	naruware	War. 22, 2004
	CI	10/808,716 /	Dimpsey et al.	Method and Apparatus for Autonomi	c Test Case	Mar. 22, 2004
		AUS920040060US1		Feedback Using Hardware Assistant	e for Code	
				Coverage		
'	CJ	10/806,576 / AUS920040061US1	Dimpsey et al.	Method and Apparatus for Hardware Data Access Coverage	Assistance for	Mar. 22, 2004
	СК	10/806,633 /	Dimpsey et al.	Method and Apparatus for Providing	Hardware	Mar. 22, 2004
	"	AUS920040062US1		Assistance for Data Access Coverage		
				Dynamically Allocated Data		
17	CL	10/806,917 / AUS920040063US1	Dimpsey et al.	Method and Apparatus for Autonom		Mar. 22, 2004
l W		AU3920040063U31		Feedback Using Hardware Assistant Coverage	e for Data	
17	СМ	10/806.871 /	Dimpsey et al.	Method and Apparatus for Hardware	Assistance for	Mar. 22, 2004
١,٢٠ ١٨		AUS920040064US1		Prefetching Data	1	
DATE CONS	IDERE	D 9/29/6	6	EXAMINER MARINER	ml.	
EXAMINER:	Initial i	f reference considered,	whether or not cita	tion is in conformance with MPEP § 609; draw line	through citation if not i	n conformance and
Inot considere	d. Ind	ude copy of this form w	ith next communica	ition to applicant.	•	

bstitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Under the Paperwork Reduction A	ct of 1995, no persons are required to n	PTO/SB/(08-03) Approved for use through 07/31/2006. OMB 0851-0031 U.S. Patent and Trademark Office. U.S. DEPARTMENT OF COMMERCE espond to a collection of information unless it displays a valid OMB control number.
n 1449/PTO		Complete if Known
11 1445/710	Application Number	10/806,866
	Filing Date	03-22-2004
DISCLOSURE	First Named Inventor	Dimpsey et al.
APPLICANT	Examiner Name	Popovici, Dov Arpan Saul
APPLICANT	Art Unit	2165 2185
	Attorney Docket No.	AUS920040065US1

Examiner Initials		Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
1) AA	5,710,881	01-20-1998	Gupta et al.		
1	AB	5,822,763	10-13-1998	Baylor et al.	, ,	
十	AC	5,928,334	07-27-1999	Mandyam et al.	·	
十	AD	6,094,709	07-25-2000	Baylor et al.	,	
T	AE	6,285,974 B1	09-04-2001	Mandyam et al.		
Φ	AF	6,636,950 B1	10-21-2003	Mithal et al.		
A.	ς AG	2004/0205302 A1	10-14-2004	Cantrill		
7 1	-					
	<u> </u>			·	10	

FOREIGN PATENT DOCUMENTS						
Examiner Initial	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
T I						
		•				

Examiner Initial	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
/I,S, AH	TANENBAUM, "Structured Computer Organization", 1984, Prentice-Hall, Inc., 2 nd Edition, pp. 10-12.
A.S. AI	TORRELLAS et al., "False Sharing and Spatial Locality in Multiprocessor Caches", June 1994, IEEE Transactions on Computers, Vol. 43, No. 6, pp. 651-663.
18.5 AJ	ROTHMAN et al., "Analysis of Shared Memory Misses and Reference Patterns", 2000, IEEE, pp. 187-198.

Examiner:

Date Considered:

EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

PTO/SB/(08-03)

Approved for use through 07/31/2006. OMB 0851-0031

U.S. Patent and Trademark Office. U.S. DEPARTMENT OF COMMERCE spond to a collection of information unless it displays a valid OMB control number.

ubstitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

	Complete if Known
Application Number	10/806,866
Filing Date	03-22-2004
First Named Inventor	Dimpsey et al.
Examiner Name	Popovici, Dov Arpan Savla
Art Unit	2165 2185
Attorney Docket No.	AUS920040065US1

Examiner Initials		Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
1.5	AA .	5,797,019	08-18-1998	Levine et al.			
	AB	6,549,998 B1	04-15-2003	Pekarich et al.			
\top	AC	2003/0101367 A1	05-29-2003	Bartfai et al.	, , , , , , , , , , , , , , , , , , , ,		
1,	AD	5,113,507	05-12-1992	Jaeckel			
V	AE	6,681,387 B1	01-20-2004	Hwu et al.			
A, 5.	AF	6,925,424 B2	08-02-2005	Jones et al.			
					·		

F	1.5		FOREIGN PATEN	T DOCUMENTS	
	Examiner Initial	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
1					
Г	l l			,	

	NON PATENT LITERATURE
Examiner Initial	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
AG AG	Wikipedia "JavaServer Pages" downloaded 1/24/06 http://en.wikipedia.org/wiki/JavaServer_Pages
AL,S AH	"Hardware Cycle Based memory Residency", IBM, May 22, 2003, ip.com, IPCOM000012728D, pp. 1-2
A S AI	HYDE, "The Art of Assembly Language", 2001, Linux Edition, pp. 247-248, retrieved Mar. 1, 2005 from http://webster.cs.ucr.edu/AoA/Linux/PDFs/0 PDFIndexLinux.html

Examiner:

Date Considered:

EXAMINER: Initiatif reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

PTO/SB/(08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office. U.S. DEPARTMENT OF COMMERCE tired to respond to a collection of information unless it displays a valid OMB control number. Complete if Known Substitute for form 1449/PT 10/806,866 Application Number MAY 9 1 2006 03-22-2004 ழிing Date Dimpsey et al. First Named Inventor **INFORMATION DISCL** Popovici, DoV Examiner Name STATEMENT BY APPLICATED 2185 Art,Unit 2165 AUS920040065US1 Attorney Docket No.

Examiner initials		Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
13	AA	5394529	02-28-1995	Brown, III et al.	:		
	AB	6233679 B1	05-15-2001	Holmberg			
	AC	5887159	03-23-1999	Burrows			
	AD	6662295 B2	12-09-2003	Yamaura			
	AE	5938760	08-17-1999	Levine et al.			
	AF	6189072 B1	02-13-2001	Levine et al.			
	AG	5276833	01-04-1994	Auvinen et al.			
1	AH	5287481	02-15-1994	Lin	<u></u>		
\dashv	Al	5537572	07-16-1996	Michelsen et al.			
	AJ	5805879	09-08-1998	Hervin et al.			
	AK	6647301 B2	11-11-2003	Sederlund et al.			
1.	AL	6735666 B1	05-11-2004	Koning			
.17	AM	2004/0153612 A1	08-05-2004	Mutz et al.			
. <u>A</u>	AN	2005/0091456 A1	04-28-2005	Huck			
13	AO	2005/0108483 A1	05-19-2005	Bungo			
1.1.70							

			THE REPORT OF THE PERSON OF TH	FOREIGN PATENT	(DOCUMENTS) AT A CONTROL OF THE CONT	
E	Examiner Initial		Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
\vdash						
				·		

xaminer nitial	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
SAP	JEONG et al., "Cost Sensitive Cache Replacement Algorithms", June 2002, Second Workshop on Cashing, Coherence and Consistency, NY, pp. 1-14.

Examiner:

Date Considered:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

	Application Number	10806866 2004-03-22		
	Filing Date			
INFORMATION DISCLOSURE	First Named Inventor Dim	psey et al.		
STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Art Unit	2165 2185		
(Not for Submission under 57 51 K 1.55)	Examiner Name - Gaffi	n, Jeffrey A. Aspan Saula		
	Attorney Docket Number	AUS920040065US1		

	U.S.PATENTS Remove										
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date		Name of Patentee or Applicant of cited Document		Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear			
A.S.	1	6973417	B1	2005-12-06		Maxwell et al.					
A.S.	2	6721875	B1	2004-04	4-13	McCormick et al.					
If you wis	you wish to add additional U.S. Patent citation information pl					ease click the	Add button.		Add		
	U.S.PATENT APPLICATION PUBLICATIONS										
Examiner Initial*	ner Cite Publication Number Kind Publication Name of Patentee of Applicant Rele					Releva	ages,Columns,Lines where elevant Passages or Relevant gures Appear				
	1										
If you wis	h to a	dd additional U.S. Publis	shed Ap	plication	citation	n information p	lease click the Add	button.	Add		
			_	FOREIG	SN PAT	ENT DOCUM	ENTS		Remove		
Examiner Initial*	Cite No	Foreign Document Number ³	- · · · · · · · · · · · · · · · · · · ·		Kind Code ⁴	Publication Date	Name of Patented Applicant of cited Document	e or F	Pages,Columns,Lines where Relevant Passages or Relevan Figures Appear		T5
	1										
If you wis	h to a	dd additional Foreign Pa	atent Do	cument	citation	information pl	ease click the Add	button	Add		
			NON	I-PATE	NT LITE	RATURE DO	CUMENTS		Remove		

Application Number 10806866 Filing Date 2004-03-22 First Named Inventor Dimpsey et al. Art Unit 2165 2185 Examiner Name Gaffin, Jeffrey A Argan Javla Attorney Docket Number AUS920040065US1

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T 5
	1 :		
If you wis	h to a	dd additional non-patent literature document citation information please click the Add button Add	
		EXAMINER SIGNATURE	
Examine	r Signa	iture has facts Date Considered 9/29/06	
*EXAMIN	IER: In not in	itial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a conformance and not considered. Include copy of this form with next communication to applicant.	
Standard S	T.3). ³ F cument	f USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (Vector Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark anslation is attached.	cument.